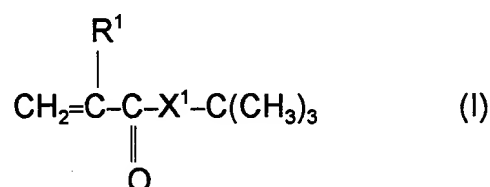


**COPY OF ALL CLAIMS**

1. (amended) A cosmetic composition comprising at least one water-soluble or water-dispersible polymer which comprises, in copolymerized form,

- a) from 40 to 85% by weight of at least one  $\alpha,\beta$ -ethylenically unsaturated monomer of the formula I

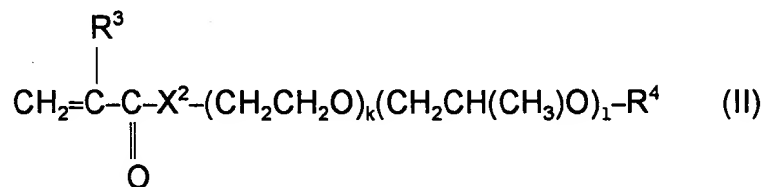


in which

$\text{R}^1$  is hydrogen or  $\text{C}_1$ - $\text{C}_8$ -alkyl, and

$\text{X}^1$  is O or  $\text{NR}^2$ , where  $\text{R}^2$  is hydrogen,  $\text{C}_1$ - $\text{C}_8$ -alkyl or  $\text{C}_5$ - $\text{C}_8$ -cycloalkyl,

- b) from 10 to 30% by weight of at least one  $\alpha,\beta$ -ethylenically unsaturated mono- and/or dicarboxylic acid,
- c) from 1 to 20% by weight of at least one compound having at least one  $\alpha,\beta$ -ethylenically unsaturated double bond and at least 5 alkylene oxide units per molecule, chosen from polyether acrylates of the formula II



in which the order of the alkylene oxide units is arbitrary,

k and l independently of one another are an integer from 0 to 50, the sum k + l

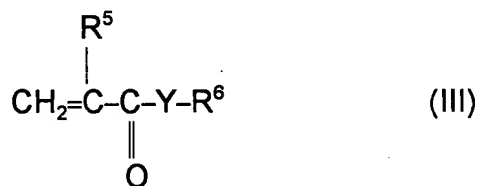
being at least 5,

R<sup>3</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>-alkyl, and

R<sup>4</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

X<sup>2</sup> is O or NR<sup>2</sup>, where R<sup>2</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

- d) from 1 to 30% by weight of at least one compound having at least one  $\alpha,\beta$ -ethylenically unsaturated double bond and at least one straight-chain or branched C<sub>8</sub>-C<sub>30</sub>-alkyl or -alkylene radical per molecule, chosen from compounds of the formula III



in which

R<sup>5</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>-alkyl,

R<sup>6</sup> is a straight-chain or branched C<sub>8</sub>-C<sub>30</sub>-alkyl radical, and

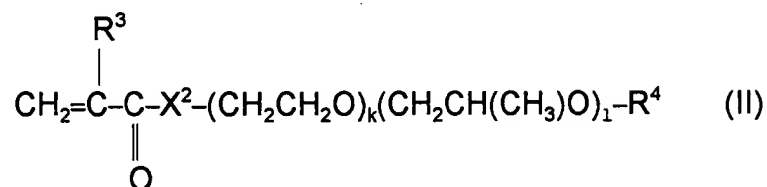
Y is O or NR<sup>7</sup>, where R<sup>7</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

where the components c) and/or d) can be partially or completely replaced by a component e), where

- e) is at least one compound having at least one  $\alpha,\beta$ -ethylenically unsaturated double bond, at least 5 alkylene oxide units and at least one straight-chain or

branched C<sub>8</sub>-C<sub>30</sub>-alkyl or -alkylene radical per molecule, where component e) is chosen from

e1) polyether acrylates of the formula II



in which the order of the alkylene oxide units is arbitrary,

k and l independently of one another are an integer from 0 to 50, the sum

k + l being at least 5,

R<sup>3</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>-alkyl, and

R<sup>4</sup> is C<sub>8</sub>-C<sub>30</sub>-alkyl,

X<sup>2</sup> is O or NR<sup>2</sup>, where R<sup>2</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

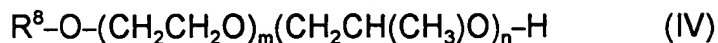
e2) urethane (meth)acrylates containing alkylene oxide groups and mixtures thereof

or the salts thereof.

5. (amended) A composition as claimed in claim 1, where component e2) comprises, in incorporated form, the following compounds: f, g and h; or f, h i and m; or g and l; or i, l and m; or f, i, l and m; or f, h, k and m; and optionally other compounds, where

f) is at least one diisocyanate,

- g) is at least one compound of the formula IV



in which

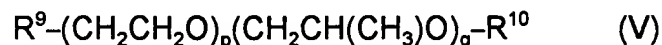
the order of the alkylene oxide units is arbitrary,

$R^8$  is a straight-chain or branched  $C_8$ - $C_{30}$ -alkyl radical,

m and n independently of one another are an integer from 0 to 50, the sum  $M +$

N being at least 5,

- h) is at least one  $\alpha,\beta$ -ethylenically unsaturated compound which, per molecule, additionally contains at least one group which is reactive toward isocyanate groups,
- i) is a compound chosen from monohydric alcohols, diols, amines, diamines and aminoalcohols having at least one straight-chain or branched  $C_8$ - $C_{30}$ -alkyl or -alkylene radical per molecule, and mixtures thereof,
- k) is at least one aliphatic, cycloaliphatic or aromatic monoisocyanate,
- l) is at least one  $\alpha,\beta$ -ethylenically unsaturated compound which additionally contains at least one isocyanate group per molecule,
- m) is at least one compound of the formula V



in which

the order of the alkylene oxide units is arbitrary,

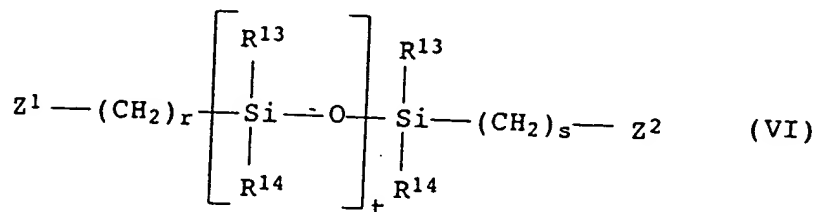
p and q are as defined above for m and n,

R<sup>9</sup> is OH or NHR<sup>11</sup>, where R<sup>11</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

R<sup>10</sup> is H, CH<sub>2</sub>CH<sub>2</sub>NHR<sup>11</sup> or CH<sub>2</sub>CH(CH<sub>3</sub>)NHR<sup>11</sup>.

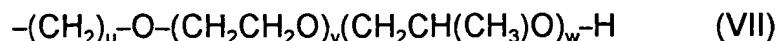
6. A composition as claimed in claim 5, where component e2) additionally comprises, in incorporated form, at least one component chosen from

- n) compounds having a molecular weight in the range from 56 to 300 which contain two active hydrogen atoms per molecule,
- o) polytetrahydrofurans having two active hydrogen atoms per molecule,
- p) polysiloxanes of the formula VI



in which

R<sup>13</sup> and R<sup>14</sup> independently of one another are C<sub>1</sub>-C<sub>4</sub>-alkyl, benzyl, phenyl or a radical of the formula VII



where

in the formula VII the order of the alkylene oxide units is arbitrary,

u is an integer from 1 to 8,

v and w independently of one another are an integer from 0 to 200, the sum v +

w being > 0,

Z<sup>1</sup> and Z<sup>2</sup> independently of one another are OH, NHR<sup>15</sup> or a radical of the

formula VII, where F<sup>15</sup> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

r and s independently of one another are from 2 to 8,

t is from 3 to 50,

and mixtures thereof.

7. (amended) A composition as claimed in claim 1, comprising a polymer which comprises, in copolymerized form,

- from 45 to 80% by weight, of at least one component a),
- from 15 to 28% by weight, of at least one component b),
- from 2 to 15% by weight, of at least one component c),
- from 2 to 25% by weight, at least one component d),

where components c) and/or d) can be partially or completely replaced by a component e).

8. A composition as claimed in claim 1 in the form of a hair-treatment composition, in particular in the form of a hair spray.

9. (amended) A composition as claimed in claim 1, comprising

- a) from 0.5 to 20% by weight of a water-soluble or -dispersible polymer as defined in claim 1,
- b) from 30 to 99.5% by weight, preferably from 40 to 99% by weight, of at least one

solvent chosen from water, water-miscible solvents and mixtures thereof,

- c) from 0 to 70% by weight of a propellant,
- d) from 0 to 10% by weight of at least one water-soluble or -dispersible hair polymer which is different from a),
- e) from 0 to 0.3% by weight of at least one water-insoluble silicone,
- f) from 0 to 1% by weight of at least one nonionic, siloxane-containing, water-soluble or -dispersible polymer.

10. Coating composition or binder for solid medicament forms or coating composition for the textile, paper, printing, leather and adhesive industries, comprising a polymer as defined in claim 1.